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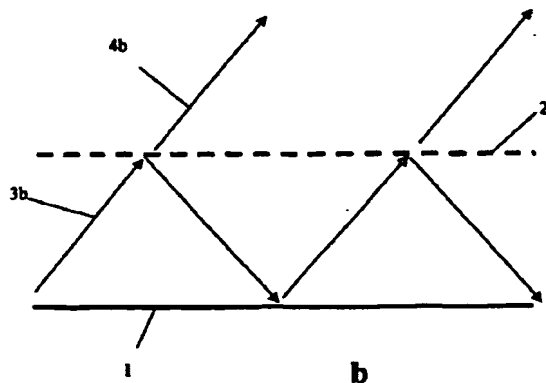
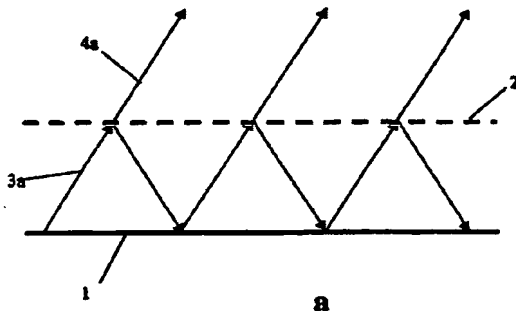
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(54) Title: RADIATION CONTROLLER INCLUDING REACTIVE ELEMENTS ON A DIELECTRIC SURFACE



(57) Abstract: A device for controlling electromagnetic radiation emitted by a structure is described. The device has a reactive element comprising an array of conductors disposed on a dielectric surface such that the displacement between a conductor and any other conductor adjacent to it is small compared to the wavelength of the electromagnetic radiation. As such, the array of conductors represents an effectively continuous conductive surface to the electromagnetic radiation and the surface impedance of the conductive surface (2) is reactive.

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